First and final Bill

JOB CODE : 003-20-0000257

M. A. R. 57 (Rule 116) No. E

Measurement Book

493513

Serial No.

Name of work Vidhyaniketan School frontward no:3 To

Name of Contractor of nature of Agency Sri. R. Rangaswamy.

Date of commencement of work 66MP/YNK.DIE:MT-01/W.O./39/2020-21, Dated : 16.06.2020.

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Removing and Refixing stone slabs of drains and pointing in cm 1:3 This Qty is Recorded in Pre-measurements in This MB Vide page no: 493575 Qty 23.25 m^2 @ Rate Rs 114.64/m^2					2665.38	
	∴ = 23.25 × 114.64 = Rs 2709.03						
	2) Excavation for Road drains and similar Works Earth work Excavation by Manual means in ordinary soil involving an average horizontal Throw up to 2m and an average lift up to 0.5m, Excavated surface leveled and sides neatly dressed. The disposed Earth to be leveled neatly after breaking of clods complete as per specification, MoRTH / Chapter : 3						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493514

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	④ Providing and fixing pre cast solid cement concrete Kerb Stones Made out of CC 1:2:4 with Top and bottom width 114 and 165 mm Respectively. 400mm high and 450mm in length finished with cm 1:3 plastering and finishing cutting including formwork curing including cost of materials, labour charges of machinery loading and unloading Lead and lift Transportation etc, complete as per direction of Engineer in Charge						
	For kerb Stones						
	Escort colony Engineering Lyt Vidyanikethan School Rd L4S	1x1	30.00	–	–	30.00 Gt.	Rmt–
		1x1	15.40	–	–	15.40	–"–
		1x1	9.30	–	–	9.30	–"–
		1x1	9.20	–	–	9.20	–"–

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x1	7.70	-	-	7.70	Rmt
		1x1	30.0	-	-	30.00	-11-
		1x1	15.10	-	-	15.10	-11-
	Rits (From Dead End)	1x1	30.00	-	-	30.00	-11-
		1x1	29.30	-	-	29.30	-11-
		1x1	12.30	-	-	12.30	-11-
		1x1	29.80	-	-	29.80	-11-
					Total:	218.10	Rmts
	AE ∴ No. of. Kerbs = Total Length in Rmt with / Length of Each in Mt = 218.10 / 0.45 = 485						
	∴ This Qty is limited to as per Schedule 'B' Qty as 284.0 Nos @ Rate Rs 445.45/Each ∴ = 284.00 x 445.45 = Rs 126508.00						

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full des
1	
5)	painting shades o specifica Vidhyani

M. A. R. 57 (Rule 116) No. E

Measurement Book

493516

Serial No .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	3.40	1.65	-	5.61	m^2
		1×1	3.00	1.65	-	4.95	-"-
		1×1	4.50	1.65	-	7.43	-"-
					Total :	26.24	m^2 @ Rate Rs 764.26
					=	26.24 × 764.26	
(7)					=	Rs 20051.00	

Excavation for Road Work in all Types of Soil Mechanical Means including cutting and Loading of Tippers, Trimming Bottom and side slopes in accordance with Requirements of lines, Grades and Cross Sections and Transportation with a lead of 1.00 km and complete as per specifications.

M. A. R. 57 (Rule 116) No. E
Measurement Book

493517

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Layers with motor Grader on prepared surface and compacting with Vibratory Power Roller to achieve the 98% Proctor Density, complete as per Specifications.					
	This Qty is Recorded in pre-measurements in this MB, Vide Page no: 493579 to 493580 as 162.33 m^3 @ Rate Rs 2054.77/m^3					
	∴ = 162.33 × 2054.77 = Rs 333557.00					
(b)	Providing, Laying Spreading and compacting crushed stone aggregates of Granite/trap/basalt to wet-mix Macadam Specifications including Pre-mixing the material with water at one in Mechanical mix plant Carriage of mixed materials by Tipper to site, laying in Uniform layers with paver in Sub base/base course on well					

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493519

Serial No ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1×1	30.0	$\frac{5.4+6.50}{2}$		178.50	m^2
		1×1	4.20	$\frac{6.5+6.40}{2}$		27.09	-11-
	School Front	1×1	30.0	$\frac{4.40+4.10}{2}$		127.50	-11-
		1×1	1.90	$\frac{4.10+4.00}{2}$		7.70	-11-
	@ After Main Road Pot holes	1×1	4.0	$\frac{1.20+1.50}{2}$		5.40	-11-
		1×1	2.80	$\frac{1.50+1.50}{2}$		4.20	-11-
		1×1	3.20	$\frac{1.80+1.70}{2}$		5.60	-11-
		1×1	5.30	$\frac{1.24+1.60}{2}$		7.420	-11-

M. A. R. 57 (Rule 116) No. E 493520

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1x1	5.60	4.80+4.90 / 2		27.16 m^2	
					Total =	1561.62 m^2 @ Rate Rs 13.10/m^2	
						= 1561.62 x 13.10 = Rs 20452.00	
	14) Providing and laying Bituminous Concrete 40mm thick with hot mix plant, using crushed aggregates of specified Grading, premixed with Bituminous Binder and filler Transporting the hot mix to work site, Laying with a paver finisher to the required Grade level and alignment, Rolling with Smooth wheeled Vibratory and tandem roller to achieve the desired Compaction in all respects complete as per Specifications, Clause 507 of MoRTH V Revision as per IRC SP-53-2015. Using 40-60 TPH Capacity						

4/9/2020

M. A. R. 57 (Rule 116)
Measurement Book

No. E
493521

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Attur Main Road pot holes	1×1	1.90	$\frac{4.10+4.0}{2}$	0.03	0.23	m3
		1×1	4.0	$\frac{1.20+1.50}{2}$	0.03	0.16	-11-
		1×1	2.80	$\frac{1.5+1.50}{2}$	0.03	0.13	-11-
		1×1	3.20	$\frac{1.80+1.70}{2}$	0.03	0.17	-11-
		1×1	5.30	$\frac{1.20+1.60}{2}$	0.03	0.22	-11-
		1×1	3.90	$\frac{2.10+2.10}{2}$	0.03	0.24	-11-
		1×1	4.80	$\frac{1.5+1.60}{2}$	0.03	0.22	-11-
		1×1	2.80	$\frac{1.5+1.9}{2}$	0.03	0.14	-11-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Sriganda Layout 1st cross	1x1	3.40	$\frac{1.6+1.7}{2}$	0.03	0.17	m3
		1x1	30.0	$\frac{4+4.4}{2}$	0.03	3.78	"
		1x1	30.0	$\frac{4.4+4.7}{2}$	0.03	4.10	"
		1x1	30.0	$\frac{4.7+4.9}{2}$	0.03	4. [illegible]	
		1x1	30.0	$\frac{4.9+4.8}{2}$	0.03	4.37	
		1x1	30.0	$\frac{4.8+4.8}{2}$	0.03	4.32	"
		1x1	3.60	$\frac{4.8+4.9}{2}$	0.03	0.81	"
						Total = 46.85	m3 @ Rate Rs 7986.52
				∴ =		46.85 x 7986.52	
						= Rs 374158.00	

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description
1	2
15)	Read Mark beads on B Thermoplast 250gms fo beads as pe and free f Asp Escorts Co Rd at Vidhy

M. A. R. 57 (Rule 116) No. E
Measurement Book

493523

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	∴ This Qty is limited to as per Schedule 'E' Qty as 56.60 m², @ Rate Rs 468.38/m²						
					∴ = 56.60 × 468.38		
					= Rs 26511.00		
				Total	= 18,21,394.07		
				Add GST charges (12%)	= 218567		
				Grand Total	= 2039961		

(∴ Rupees Twenty Lakhs Thirty Nine Thousand Nine hundred sixty one only.)

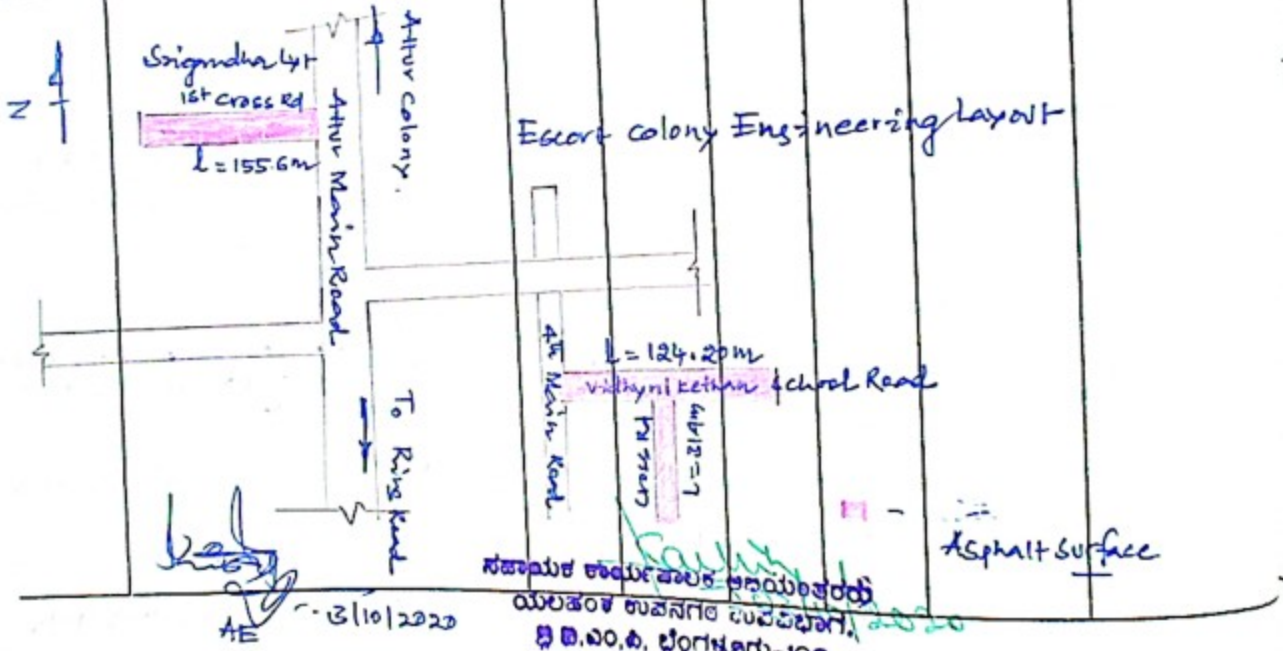
CERTIFICATE :- 1) The contractor has done the work satisfactorily.

2) The contractor has removed the debris from work spot.

3/10/2020

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



AE 13/10/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ, ಬೆಂಗಳೂರು-106

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of work
1	2

Gross Amt =Rs 20399
FSD =Rs 101998
CGST = Rs 18210
SGST = Rs 18214
[illegible] = Rs 20340
[illegible] = 20340
CSP = Rs 2040
Royalty =Rs → 21842
T.D. = Rs 500
Net Amt=Rs 183647

M. A. R. 57 (Rule 116) No. E

Measurement Book

493524

Serial No.....

Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Gross Amt =Rs 2039961/-						
	FSD =Rs 101998/-						
	CGST = Rs 18214/-						
	SGST = Rs 18214/-						
	[illegible] = 20340/-						
	[illegible] = 20340/-						
	[illegible] = 20401/-						
	[illegible] = Rs 21842/-						
	Roy[illegible] = Rs 509/-						
	T.D. = Rs 203488/-						
	Net Amt=Rs 1836473/-						
	SBR NO 92 4-11-20 -						
	Audited & Admitted for Rs 2039961/-						
	1836473/- by Cheque						
	and Rs 203488/- by [illegible]						
	Accts. Supervisor						
	Executive Engineer						